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NISHOK NARASIMHA MOHANASAMY

EDUCATION **Master of Science in Computer Science Engineering** **GPA : 4/4** **[Sept 2015 – present]**
Montclair State University, New Jersey

Major: Computer Science

Course Work: Algorithms and Analysis, Web development, Computer Architecture, Machine Learning, Software Engineering and Mobile Computing.

BE in Computer Science Engineering **GPA : 3.85/4** **[Aug 2005 – May 2009]**
Anna University, India

Course Work: Data Structures I & II, Database Systems, OOPS, Networking, Web Services, Artificial Intelligence and Image Processing.

EXPERIENCE **Graduate Assistant** **[Sept 2015 – present]**
Montclair State University, New Jersey

Senior Software Engineer **[Jan 2014 – Aug 2015]**
OpenText Corp. , India

Software Engineer **[Jul 2009 – Dec 2013]**
Cordys R&D, India

PROJECTS **Parking Application – Park-it – Javascript** **[Sept 2015-present]**

- Developed a real-time parking application, providing real time navigation to the closest parking space available using NodeJs and JQuery.

Android Application – Campus Administration System **[Sept 2015-present]**

- Developed an Unified and secured administration system for college purposes, where any type of user such as student, professor, administrator, payroll or any other professional related to college can view and update information that is meant only for him/her, using Android SDK and Core Java

Conference web page **[Sept 2015-present]**

- Developed a Conference web-site, which hosts paper presentation and other events, using PHP and NodeJs.

Front end development (HMTL/CSS/JS) **[Jan 2014-Aug 2015]**

- Tree-Grid Library :
 - Developed a table composite control, having an extra tree column, which is used to render data from multiple tables using Primary/Foreign relations, and tailored for Cordys BOP software.
- XForm Entity Integration :
 - Integrated XForm loading (.cafs) into Process Platform's Entity Model runtime using HTML5, Backbone.js, Underscore.js, Marionette.js and JQuery.

- **Pathfinder & Js Coverage :**
 - Developed Pathfinder, which derives a matrix of relations between source code and test cases. Pathfinder was developed using Cordys BOP itself and Java, and crawls on both Java and Javascript code base.

Automation / selenium

[Jul 2009-Jan 2014]

- Developed selenium Framework based on the complicated DOM structure of CORDYS BOP where testers can write test cases comfortably using Core Java.

SOA/ Cordys BOP/ Opentext Process platform

[Jul 2009-Jan 2014]

- Addressed several enhancements and bugs in Workflow component, middle layered team in SOA which provides task communication with details to users groups such as developer, tester, manager and more or users in the form of INBOX similar to that of GMAIL's Inbox with lots of runtime functionalities.

SKILLS

- **Programming languages :**
 - JAVA, JavaScript , HTML, CSS, PHP, XML
 - **Automation :**
 - Selenium , Web driver, Junit
 - **Continuous Integration :**
 - Jenkins, JIRA, Crucible, ANT, Gradle, Groovy
 - **Databases :**
 - MongoDB, MySql, MSSql Server
 - **Operating System:**
 - Windows, Linux, OSx
 - **BOP – Business Operations Platform Cordys / Process Platform :**
 - CWS, XForms, WsApps, WorFlow, WSDL, REST
 - **Tools / Clients :**
 - NodeJS, JQuery, BackboneJS, Underscore, MooTools
 - Eclipse, WebStorm, Android Studio, SubLime
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